

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification 5 :</b> C07D 257/02, 255/02, 259/00 C07D 401/14, 409/14		<b>A1</b>	<b>(11) International Publication Number:</b> WO 93/12096 <b>(43) International Publication Date:</b> 24 June 1993 (24.06.93)
<b>(21) International Application Number:</b> PCT/GB92/02334			<b>(74) Agent:</b> WISHART, Ian, Carmichael; Johnson Matthey PLC, Technology Centre, Blounts Court, Sonning Common, Reading RG4 9NH (GB).
<b>(22) International Filing Date:</b> 16 December 1992 (16.12.92)			<b>(81) Designated States:</b> AU, CA, CS, FI, HU, JP, KR, NO, NZ, PL, RU, US, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).
<b>(30) Priority data:</b> 91/26677.5 16 December 1991 (16.12.91) GB			<b>Published</b> <i>With international search report.</i>
<b>(71) Applicant (for all designated States except US):</b> JOHNSON MATTHEY PUBLIC LIMITED COMPANY [GB/GB]; 78 Hatton Garden, London EC1N 8JP (GB).			
<b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only) :</b> BRIDGER, Gary, James [GB/US]; 302 East Marshall Street, West Chester, PA 19380 (US). PADMANABHAN, Sreenivasan [US/US]; 103 Robin Road, Exton, PA 19341 (US). SKERLIJ, Renato, Tony [NZ/US]; 300 E Evans Street, No P 156, West Chester, PA 19380 (US). THORNTON, David, Michael [GB/GB]; 1 Watersfield Close, Lower Earley, Reading, Berkshire RG6 4DF (GB).			

**(54) Title:** LINKED CYCLIC POLYAMINES WITH ACTIVITY AGAINST HIV

**(57) Abstract**

Linked cyclic polyamines of formula: Z - R - A - R' - Y, where Z and Y are each cyclic polyamine moieties, A is an aromatic or heteroaromatic moiety, and R and R' are each an alkylene chain or heteroatom-containing chain, show high activity against HIV, and low toxicity, in *in vivo* tests. Novel compounds, and pharmaceutical compositions are claimed.